

Clean Version of Pending Claims

**COMPOUNDS AND METHODS TO INHIBIT OR AUGMENT AN INFLAMMATORY
RESPONSE**

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1. (Three times amended) An isolated and purified peptide of a chemokine, a variant, or a derivative thereof, comprising no more than 30 amino acid residues, wherein the peptide comprises residues X_1 -Asp-Pro- X_2 - X_3 - X_4 -Trp- X_5 -Gln or consists of X_2 - X_3 - X_4 or Trp- X_5 -Gln, wherein X_1 is Ala or Leu, X_2 is Lys, Ser or Thr, X_4 is Lys, Glu, Ser or Arg, X_5 is Val or Ile, and X_3 is any amino acid and wherein the peptide inhibits the activity of at least one native chemokine.
3. The peptide of claim 1 which is not a peptide of interleukin-8 (IL-8) or neutrophil activating protein-2 (NAP-2).
4. The peptide of claim 1 which is a variant of a peptide of monocyte chemotactic protein-1 (MCP-1).
6. The peptide of claim 1 which is a peptide of a CC chemokine.
7. The peptide of claim 6 wherein the CC chemokine is MCP-1, regulated on activation, normal T expressed and secreted protein (RANTES), monocyte chemotactic protein-2 (MCP-2), monocyte chemotactic protein-3 (MCP-3), monocyte chemotactic protein-4 (MCP-4), eotaxin, macrophage inflammatory protein-1 α (MIP1 α), MIP1 β , liver and activation regulated chemokine (LARC), I309, hemofiltrate CC-chemokine -1 (HCC-1), thymus and activation regulated chemokine (TARC) or chemokine beta 8 (Ck β 8).
8. The peptide of claim 1 which is a peptide of a CXC chemokine.

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9. The peptide of claim 8 wherein the CXC chemokine is interferon inducible protein 10 (IP-10), platelet factor-4 (PF-4), stromal cell-derived factor-1 (SDF-1 α), NAP-2, growth regulated oncogene alpha (GRO α), GRO β , GRO γ or epithelial neutrophil activating peptide-78 (ENA78).
 10. The peptide of claim 8 wherein the CXC chemokine is IL-8.
 11. A cyclic reverse sequence derivative (CRD) of a peptide of a chemokine or a variant thereof.
 42. (Twice amended) The peptide of claim 4 which is Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln (SEQ ID NO:7).
 43. The derivative of claim 11 which is CRD-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys.